

20020701.qrp v02_n603.qrl.20020701

Date: Mon, 1 Jul 2002 19:03:05 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2603

QRP-L Digest 2603

Topics covered in this issue include:

- 1) [128819] Re: TenTec QRP Kit Sale
by K5BDZ@aol.com
- 2) [128820] RE: TenTec QRP Kit Sale
by "Randall" <Firefox67501@cox.net>
- 3) [128821] Phoenix AZ source for Schottky Diodes
by Chuck Adams <k7qo@earthlink.net>
- 4) [128822] RE: TenTec QRP Kit Sale
by "Randall" <Firefox67501@cox.net>
- 5) [128823] Re: VXO freq shift problem
by "w8diz" <w8diz@fpqrp.com>
- 6) [128824] Finally started my web site - DDS Pics
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 7) [128825] Re: Finally started my web site - DDS Pics
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 8) [128826] FOX: Schedule Change!
by "Marshall Emm" <mgemm@mtechnologies.com>
- 9) [128827] RF Voltmeters, NN1G Mark II board sets, ...
by Chuck Adams <k7qo@earthlink.net>
- 10) [128828] Re: Finally started my web site - DDS Pics
by Pete Burbank <plburbank@kih.net>
- 11) [128829] Re: RF Voltmeters, NN1G Mark II board sets, ...
by Pete Burbank <plburbank@kih.net>
- 12) [128830] FS: TenTec 1254 SWL RX
by "Alan Fryer" <N3BJ@hotmail.com>
- 13) [128831] Problem with VXO, TX, birdies!
by Bill Meara <n2cqr@clix.pt>
- 14) [128832] Re: Finally started my web site - DDS Pics
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 15) [128833] Re: Problem with VXO, TX, birdies!
by "w8diz" <w8diz@fpqrp.com>
- 16) [128834] FS: Fully Loaded K1
by "N3BJ" <N3BJ@hotmail.com>
- 17) [128835] JA6PA/QRP
by "Steve Yates - AA5TB" <aa5tb@arrl.net>
- 18) [128836] Re: QRP rigs
by W2AGN <w2agn@w2agn.net>
- 19) [128837] RE: JA6PA/QRP

by Alen Mitrovic <alen.mitrovic@hermes.si>
20) [128838] Re: JA6PA/QRP
by "Trevor Jacobs" <kg6cyn@earthlink.net>
21) [128839] RE: "all or none" QRP rule
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
22) [128840] RE: TenTec QRP Kit Sale
by "Randy Randall" <randallr@healthall.com>
23) [128841] Field day use of TT scout
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
24) [128842] Quasi QRP I
by Ed Lawson <k1vp@grizzly.com>
25) [128843] Re: 40 foot doublet
by "Steve/n0tu" <n0tu@codenet.net>
26) [128844] ARS Spartan Sprint Tonight?!?
by "Rod N0RC" <rod@n0rc.us>
27) [128845] Re: 40 foot doublet
by Gary Slagel <gdslagel@yahoo.com>
28) [128846] SPEECH COMPRESSOR for the MH-31 from W4RT Electronics
by Barry Johnson <w4wb@oetc.com>
29) [128847] W4RT Electronics Products now in the UK and Germany
by Barry Johnson <w4wb@oetc.com>
30) [128848] Don't Miss the Spartan Sprint Tonight!
by Russ Carpenter <russ@natworld.com>
31) [128849] Re: 40 foot doublet
by David Hinerman <WD8CIV@worldnet.att.net>
32) [128850] Field Equipment, was Re: 40 foot doublet
by "Tim, N9PUZ" <n9puz@arrl.net>
33) [128851] Re: Field Equipment, was Re: 40 foot doublet
by "Mike Yetsko" <myetsko@insydesw.com>
34) [128852] Re:%20ARS%20Spartan%20Sprint%20Tonight?!?
by Hiloarc@aol.com
35) [128853] NC-20
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
36) [128854] RE: TenTec QRP Kit Sale
by <igeq100@iupui.edu>
37) [128855] Re: NC-20
by "Rod N0RC" <rod@n0rc.us>
38) [128856] TEST ONLY
by "David Fuller" <djfulle@qwest.com>
39) [128857] Field Equipment
by "Bill Jones" <kd7s@psnw.com>
40) [128858] WANTED (and Kudos to TenTec)
by Monty N5FC <n5fc@io.com>
41) [128859] Re: NC-20
by Bob Nielsen <nielsen@oz.net>
42) [128860] Why learn/use CW?
by Ron KU7Y <mswmod@bigplanet.com>
43) [128861] RE: Why learn/use CW?

by Mark Danner <MarkD@mfwl.org>
44) [128862] Re: Why learn/use CW?
by "Rod NØRC" <rod@nØrc.us>
45) [128863] Re: NC-20
by William K Penhallegon <w4stx@juno.com>
46) [128864] Re: Why learn/use CW?
by David Hinerman <WD8CIV@worldnet.att.net>
47) [128865] Re: Why learn/use CW?
by Dave Gingrich K9DC <gingrich2@dcg.org>
48) [128866] Questions on SW20 and Elecraft
by "Bert Herald" <wf7i@hotmail.com>
49) [128867] RE: TenTec QRP Kit Sale
by "Randall" <Firefox67501@cox.net>
50) [128868] Re: Field Equipment, was Re: 40 foot doublet
by Steven Weber <kdl1jv@moose.ncia.net>
51) [128869] Re: Questions on SW20 and Elecraft
by "Ingo, DK3RED" <dk3red@t-online.de>
52) [128870] Re: Why learn/use CW?
by "Bert Herald" <wf7i@hotmail.com>
53) [128871] Re: Why learn/use CW?
by K4IA@aol.com
54) [128872] Re: Why learn/use CW?
by "Trevor Jacobs" <kg6cyn@earthlink.net>
55) [128873] Re: Why learn/use CW?
by Dave Gingrich K9DC <gingrich2@dcg.org>
56) [128874] Re: Why learn/use CW?
by "w8diz" <w8diz@fpqrp.com>
57) [128875] Re: Why learn/use CW?
by W2AGN <w2agn@w2agn.net>
58) [128876] Re: Why learn/use CW?
by Phil Wheeler <w7ox@earthlink.net>
59) [128877] Re: Why learn/use CW?
by "Tim, N9PUZ" <n9puz@arrl.net>
60) [128878] Re: Why learn/use CW?
by tomb@kiva.net (Thomas H. Busch)
61) [128879] Re: Why learn/use CW?
by David Hinerman <WD8CIV@worldnet.att.net>
62) [128880] Re: Why learn/use CW?
by "Rod NØRC" <rod@nØrc.us>
63) [128881] Re: Why learn/use CW?
by "w8diz" <w8diz@fpqrp.com>
64) [128882] Artificial Ground
by "Karl F. Larsen" <k5di@zianet.com>
65) [128883] Fwd: ARLB039 General Communications Emergency Rescinded
by Ed Tanton <n4xy@earthlink.net>
66) [128884] Re: Questions on SW20 and Elecraft
by "Karl F. Larsen" <k5di@zianet.com>
67) [128885] Artificial Ground

by juan ferrari <puntrad@usa.net>
68) [128886] Re: Why learn/use CW?
by "Mike Yetsko" <myetsko@insydesw.com>
69) [128887] End fed wires may not work in some locales
by "Stuart Rohre" <rohre@arlut.utexas.edu>

Date: Sun, 30 Jun 2002 20:52:27 EDT
From: K5BDZ@aol.com
To: Firefox67501@cox.net, qrp-1@lehigh.edu
Subject: [128819] Re: TenTec QRP Kit Sale
Message-ID: <11e.12ebc9c9.2a5101cb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 06/30/2002 5:33:51 PM Central Daylight Time,
Firefox67501@cox.net writes:

> Speaking of kits, has anyone had any experience with the Vectronics line of
> QRP transceiver kits, 1320, 1330, 1340 or 1380 ?

Look closely... isn't Vectronics = MFJ ??

Bill K5BDZ

Date: Sun, 30 Jun 2002 20:20:29 -0500
From: "Randall" <Firefox67501@cox.net>
To: <K5BDZ@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128820] RE: TenTec QRP Kit Sale
Message-ID: <MABBKDBHIJCIGDIMOHOBGEKEFCAA.Firefox67501@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

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> QRP transceiver kits, 1320, 1330, 1340 or 1380 ?

Look closely... isn't Vectronics = MFJ ??

Bill K5BDZ

That's what I was wondering too, but not for sure. I know they sell a lot of MFJ stuff under their own name.
If they are the same, their price is about \$30 cheaper.

Date: Mon, 01 Jul 2002 10:39:27 +0100
From: Chuck Adams <k7qo@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [128821] Phoenix AZ source for Schottky Diodes
Message-ID: <5.1.0.14.0.20020701103417.009fcb90@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

I couldn't find the email address for the sQRPion group, so looking for someone in PHX area.

I will be down in the valley on Wednesday and am looking for a source of Schottky Diodes. I don't think that Fry's will have any, but will check there first. Surely some one in this group has a source down there.

I spent the last few days redoing the lab and putting all the loose critters in coin envelopes and pill bottles. I found every zener diode known to man but not a single Schottky diode any where. I know that I bought some HP diodes from Tanner's when I was in Dallas but they seemed to have vanished from sight.....

I was doing the RF Voltmeter project so will sub some Ge diodes until Thursday.

On Wednesday I'll be tied up from noon to about 2:30 and then from 7pm until 11pm while I'm down there so I can't be running all over town looking. Too bad RadioShack.Com closed on Country Club Drive.....

dit dit es tn timer in advance,

Chuck Adams, K7QO CP-60 k7qo@earthlink.net

<http://www.qsl.net/k7qo>

Moving to Arizona? --- Bring your own water, please.

Date: Sun, 30 Jun 2002 21:36:44 -0500
From: "Randall" <Firefox67501@cox.net>
To: <Firefox67501@cox.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128822] RE: TenTec QRP Kit Sale
Message-ID: <MABBKDBHIJCIGDIMOHOBKEKGFCOA.Firefox67501@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

> Speaking of kits, has anyone had any experience with the Vectronics line
of
> QRP transceiver kits, 1320, 1330, 1340 or 1380 ?

Look closely... isn't Vectronics = MFJ ??

Bill K5BDZ

That's what I was wondering too, but not for sure. I know they sell a lot of MFJ stuff under their own name.
If they are the same, their price is about \$30 cheaper. The Vectronics kit + case is about \$65, the MFJ comes with a case and it's \$99. That's why I was wondering.....

Date: Sun, 30 Jun 2002 22:48:54 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
<fpqrp-l@fpqrp.com>
Subject: [128823] Re: VX0 freq shift problem
Message-ID: <001201c220a9\$d74c5120\$39d81b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well gang, TNX for all the reply's...

Here are the changes I made:

1. Removed one of the XTALS.
2. Changed L1 to a 24 uH inductor

Result: No more freq jump.

Increasing the L1 inductance compensates for the removed XTAL

I found that no matter what I did to the circuit, as long as 2 XTALS were in the circuit, I ALWAYS had a freq jump at the same freq. Not sure why sometimes a dual XTAL config works and other times it does not. I won't futz with the circuit anymore. I'm satisfied using just one XTAL ...saves money anyway.

PCB kits to follow soon...

Again, TNX to all with their suggestions...Have a Happy 4th

-Diz, W8DIZ <http://home.cinci.rr.com/w8diz>

----- Original Message -----

From: "w8diz" <w8diz@fpqrp.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, June 29, 2002 12:06 PM

Subject: VXO freq shift problem

Hi Gang,

To those of you that have designed VXO circuits...I need some help...

As I change the varactor voltage from min to max, about half way the frequency of the VXO jumps. Almost as if the circuit said goodbye to one XTAL and hello to the other XTAL. I tried several sets of XTALS, including some that were matched. Still have the freq jump problem. The frequency jumps about 2 KHz, and NO, it's not a bad tune pot :-)
Also tried various C2/C3 ratios with no change. Here is the circuit:

<http://65.27.216.57:81/vxo.gif>

I will reduce the inductance of L1 next, but I need at least 1 KHz per XTAL Mhz of tuning range; a minimum of 8 KHz at 8.182 MHz. The load on the output is greater than 1K

Any ideas???????

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

Date: Sun, 30 Jun 2002 21:22:36 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128824] Finally started my web site - DDS Pics
Message-ID: <008501c220b6\$ef0bcd60\$9aeab3d1@tjnotebook>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I finally got started on my web site tonight after finishing up on some work related stuff. I put a bunch of pictures of the DDS Signal generator on a page also. More to come later, but it's time for bed...been a long weekend!

73's Trev KG6CYN

Date: Sun, 30 Jun 2002 21:24:57 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128825] Re: Finally started my web site - DDS Pics
Message-ID: <008f01c220b7\$429e4d90\$9aeab3d1@tjnotebook>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guess it'd help if I gave you the link huh...

<http://home.earthlink.net/~kg6cyn/>

73's Trev

----- Original Message -----

From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, June 30, 2002 9:22 PM
Subject: Finally started my web site - DDS Pics

> Hi Gang,
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work
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> page also. More to come later, but it's time for bed...been a long
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> 73's Trev KG6CYN
>

Date: Sun, 30 Jun 2002 23:09:35 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: QRP-L@lehigh.edu
Subject: [128826] FOX: Schedule Change!
Message-ID: <3D1F8FAF.15147.11B287@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

In view of the confusion surrounding last weeks hunt, the committee and the two
foxes have agreed that the fairest thing for all concerned will be regard last
week as
a "trial run."

The season will be extended a week, to September 5th, at which time Doc and Paul
will get another crack at it.

The Summer Fox Hunt will now start THIS THURSDAY , the 4th of July, at 0200Z
(Friday). The foxes will be N0RC and N4DD as previously scheduled, but these will
be hunts 1 and 2. For the complete revised schedule, see the web site:
<http://www.CQC.org/fox> .

Thanks for your understanding and patience, and good luck in the hunt!

Marshall Emm, N1FN
for The QRP-L Foxhunt Committee,
N1FN, N1TP, K0EVZ, K7Q0, VE5RC

Date: Mon, 01 Jul 2002 13:35:24 +0100
From: Chuck Adams <k7qo@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [128827] RF Voltmeters, NN1G Mark II board sets, ...
Message-ID: <5.1.0.14.0.20020701132516.009f8630@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Thanks to Mikey, NQ7K, for the exact info that I needed on
a store near HRO and where the AZ QRP group meets. This
will shorten my drive around PHX a great deal.

I was asked about the Electronics 100 project if some one
did not want to build the rig Manhattan Style if there was a
board or board available? Well, sure enough. FAR Circuits

<http://www.farcircuits.net/tcvrs1.htm>

has a dual board set available from the Jan 1994 article
by Dave Benson, then NN1G. I don't remember any problems
with the board set as I built a 20 meter and 80 meter rig using
them in 1994/1995 time frame. My schematic has parts labeled
differently, so you need to get the original articles. I will go back
and note any changes as in cleaning the lab today I find another
set of boards that I have had for some time. Never know when
you need these things..... :-) ; -)

As I was looking at the FAR circuits pages I ran across a section
labeled test equipment/measurements. There is a board for the
RF Voltmeter in Nov '87 Ham Radio Magazine and that was the
one that I've been working on. And then I note another RF Voltmeter
listed for July '89. So I dig out the CDs and sure enough a simple
solution presents itself using two MC1350P IF amps from Motorola.
And I happen to have a few in the parts bin. This will speed up
a couple of projects. By the time the sun comes up I will have
one built and operational. Film at 11 tomorrow. :-)

I also have the six board set for the frequency standard using WWV,
but I just haven't ever gotten around to that project. I'd like to hear from
any one that has been there and done that one.

TIA

dit dit

Chuck Adams, K7QO CP-60 k7qo@earthlink.net
<http://www.qsl.net/k7qo>

Moving to Arizona? --- Bring your own water, please.

Date: Mon, 01 Jul 2002 01:58:52 -0400
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128828] Re: Finally started my web site - DDS Pics
Message-ID: <5.0.2.1.0.20020701015327.00acaec0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Thanks Trevor,
I have built tons of gear in my life and that is really pretty. Please keep
us informed of your progress.
What is the display chip and driver?
73 Pete NV4V

At 09:24 PM 6/30/2002 -0700, Trevor Jacobs wrote:
>Guess it'd help if I gave you the link huh...
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><http://home.earthlink.net/~kg6cyn/>
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>73's Trev
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Date: Mon, 01 Jul 2002 02:07:46 -0400
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128829] Re: RF Voltmeters, NN1G Mark II board sets, ...
Message-ID: <5.0.2.1.0.20020701020210.00ac8030@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Far circuits also supplies the articles for a measly \$1.50....just hope
they are checking the copies on the way out the door.
The last one I got was a bit tough to read'
73 to all
Pete NV4V

At 01:35 PM 7/1/2002 +0100, Chuck Adams wrote:

>Gang,
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>Thanks to Mikey, NQ7K, for the exact info that I needed on
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><http://www.qsl.net/k7qo>
>
>Moving to Arizona? --- Bring your own water, please.

Date: Mon, 01 Jul 2002 06:34:47 +0000
From: "Alan Fryer" <N3BJ@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [128830] FS: TenTec 1254 SWL RX
Message-ID: <0E51aXc6u9y5lYG1oVX000021b0@hotmail.com>

Trades also considered.

----- Original Message -----

From: N3BJ@hotmail.com
To: qrp-l@Lehigh.EDU
Date: Fri 06/28/2002 00:15
Subject: FS: TenTec 1254 SWL RX

For Sale: TenTec Model 1254 SWL radio, nice RX, check out the specs.

<http://www.tentec.com/tk1254.htm>

Works FB, great for AM DXing or casual listening on CW or SSB. Really quite a good RX compared to others in it's price range. Solder iron burn on bottom of front escutcheon, not visible from front, otherwise very nice inside and out.

Offered first here, then on to the usual lists.

\$150 shipped

Alan, N3BJ
Bent Mountain, VA

Date: Mon, 01 Jul 2002 07:01:32 -0100
From: Bill Meara <n2cqr@clix.pt>
To: qrp-l@lehigh.edu
Subject: [128831] Problem with VXO, TX, birdies!
Message-ID: <1.5.4.32.20020701080132.00a8c458@pop.clix.pt>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I liked the recent VXO thread, and hope I can tap the same sources of wisdom in my effort to resolve a problem I've been having with my 17 meter SSB TX. I first mentioned this problem a couple of months ago in a message entitled "A tale of two Crystals." Put on your thinking caps guys, 'cause this ones a tough one.

Here's the deal: Carrier oscillator at 5.173 to balanced modulator to Crystal filter to NE602 mixer. VXO hetrodyne oscillator (Colpitts, with rock, coil and cap in series).

I have two fundamental crystals from the same manufacturer. One at 23.323 Mhz, the other at 23.303 Mhz. My plan was to use the first for around 18.130 - 18.150 and the other for the lower portion of the 17 meter phone band.

Both rocks work fine in the VX0 circuit. I can pull the 23.323 rock about 23 Khz, and the 23.303 rock pulls about 15 khz. Both sound clean when I listen at the 23 mhz freqs. So I don't think the problem is in the VX0.

But when I put the 23.303 rock in the circuit and listen at 18 Mhz, all kinds of spurs and birdies pop up around the operating frequency. They are very close to the op frequency. When I set the RX to a freq in the operating range, and then turn the tuning cap on the TX, instead of the one nice clean signal ("whoop") that I hope to hear, I get multiple signals ("whoop, whoop, whoop"). I can't even tell which one is the strongest. At several points I can hear simultaneous oscillations at freqs within a few hundred cycles.

Strange thing is that this does not happen with the 23.323 rock. That one produces the desired clean signal.

Remember, both rocks sound clean in the VX0 -- the problem arises only when the mixer and the rest of the TX circuits are brought in.

Important clue: I tried changing the carrier oscillator rocks. I pulled out the 5176.8 rock (USB) and put in a 5173.5 rock (LSB). Birdies disappeared! "Aha! Bad carrier freq rock!" I thought. I figured I could just pull the "good" carrier freq rock to the desired freq. But when I did so, the birdies returned!

So my conclusion is that somewhere in there energy from the VX0 hetrodyne oscillator is interacting with energy from the carrier oscillator to produce the birdies. And it seems that this interaction happens when the VX0 is using the 23.303 rock, but not when it uses the 23.323 rock. Does this sound correct?

I've tried reducing the voltage at which the VX0 operates. No change. I've checked the signal level going into the NE602. Correct.

Any theories on what is going on here? Any ideas on possible solutions? Help! I'm stranded in on the upper portion of 17 phone!

Thanks,

73 de Bill CU2JL N2CQR
Sao Miguel Island, Azores, Portugal
900 miles West of Lisbon 37.7N 25.67W
<http://planeta.clix.pt/n2cqr>

Date: Mon, 1 Jul 2002 03:03:14 -0700

From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <plburbank@kih.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128832] Re: Finally started my web site - DDS Pics
Message-ID: <00d801c220e6\$84782b30\$9aeab3d1@tjnotebook>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for the nice compliments Pete! I went ahead and added quite a bit more, so hope you guys like it! The display is a Seiko L1682B1J and comes with a built in driver and interface...pretty much that same as most LCD's these days, and very easy to interface with.

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>

now it really is time for bed! couldn't sleep earlier...

----- Original Message -----

From: "Pete Burbank" <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, June 30, 2002 10:58 PM
Subject: Re: Finally started my web site - DDS Pics

> Thanks Trevor,
> I have built tons of gear in my life and that is really pretty. Please keep
> us informed of your progress.
> What is the display chip and driver?
> 73 Pete NV4V
>
> At 09:24 PM 6/30/2002 -0700, Trevor Jacobs wrote:
> >Guess it'd help if I gave you the link huh...
> >
> ><http://home.earthlink.net/~kg6cyn/>
> >
> >73's Trev
> >----- Original Message -----
> >From: "Trevor Jacobs" <kg6cyn@earthlink.net>
> >To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> >Sent: Sunday, June 30, 2002 9:22 PM
> >Subject: Finally started my web site - DDS Pics
> >
> >
> > > Hi Gang,
> > >

> > > I finally got started on my web site tonight after finishing up on
some
> >work
> > > related stuff. I put a bunch of pictures of the DDS Signal generator
on a
> > > page also. More to come later, but it's time for bed...been a long
> >weekend!
> > >
> > > 73's Trev KG6CYN
> > >
>
>
>
>

Date: Mon, 1 Jul 2002 06:22:30 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: <n2cqr@clix.pt>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128833] Re: Problem with VX0, TX, birdies!
Message-ID: <002301c220e9\$361ffcd0\$39d81b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sounds like when one of the VX0 xtals is under load, the VX0
is doing a dual oscillation dance. What size is the series
inductor in the VX0? Too large of an inductance will render
the VX0 into an LC oscillator. Just a guess...

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

----- Original Message -----

From: "Bill Meara" <n2cqr@clix.pt>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, July 01, 2002 4:01 AM
Subject: Problem with VX0, TX, birdies!

I liked the recent VX0 thread, and hope I can tap the same sources of wisdom
in my effort to resolve a problem I've been having with my 17 meter SSB TX.

I first mentioned this problem a couple of months ago in a message entitled "A tale of two Crystals." Put on your thinking caps guys, 'cause this ones a tough one.

Here's the deal: Carrier oscillator at 5.173 to balanced modulator to Crystal filter to NE602 mixer. VXO hetrodyne oscillator (Colpitts, with rock, coil and cap in series).

I have two fundamental crystals from the same manufacturer. One at 23.323 Mhz, the other at 23.303 Mhz. My plan was to use the first for around 18.130 - 18.150 and the other for the lower portion of the 17 meter phone band.

Both rocks work fine in the VXO circuit. I can pull the 23.323 rock about 23 Khz, and the 23.303 rock pulls about 15 khz. Both sound clean when I listen at the 23 mhz freqs. So I don't think the problem is in the VXO.

But when I put the 23.303 rock in the circuit and listen at 18 Mhz, all kinds of spurs and birdies pop up around the operating frequency. They are very close to the op frequency. When I set the RX to a freq in the operating range, and then turn the tuning cap on the TX, instead of the one nice clean signal ("whoop") that I hope to hear, I get multiple signals ("whoop, whoop, whoop"). I can't even tell which one is the strongest. At several points I can hear simultaneous oscillations at freqs within a few hundred cycles.

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Important clue: I tried changing the carrier oscillator rocks. I pulled out the 5176.8 rock (USB) and put in a 5173.5 rock (LSB). Birdies disappeared! "Aha! Bad carrier freq rock!" I thought. I figured I could just pull the "good" carrier freq rock to the desired freq. But when I did so, the birdies returned!

So my conclusion is that somewhere in there energy from the VXO hetrodyne oscillator is interacting with energy from the carrier oscillator to produce the birdies. And it seems that this interaction happens when the VXO is using the 23.303 rock, but not when it uses the 23.323 rock. Does this sound correct?

I've tried reducing the voltage at which the VXO operates. No change. I've checked the signal level going into the NE602. Correct.

Any theories on what is going on here? Any ideas on possible solutions? Help! I'm stranded in on the upper portion of 17 phone!

Thanks,

73 de Bill CU2JL N2CQR
Sao Miguel Island, Azores, Portugal
900 miles West of Lisbon 37.7N 25.67W
<http://planeta.clix.pt/n2cqr>

Date: Mon, 1 Jul 2002 07:35:36 -0400
From: "N3BJ" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128834] FS: Fully Loaded K1
Message-ID: <0E19B07X0q3JkrKdMUP000002416@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale: Fully loaded K1, Serial Number 549. 40, 30, 20, 15 band module,
NB, ATU, internal battery setup, all documentation.

In very nice, like new shape, inside and out. Have another K1 in identical
shape, so this one goes.

\$450 shipped US/Canada

Alan, N3BJ
Bent Mountain, VA

Date: Mon, 1 Jul 2002 07:02:19 -0500
From: "Steve Yates - AA5TB" <aa5tb@arrl.net>
To: <qrp-l@lehigh.edu>
Subject: [128835] JA6PA/QRP
Message-ID: <000a01c220f7\$27af3540\$3036a6d8@aa5tb.texas.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just wanted to let everyone know that JA6PA/QRP has been on 14.060 MHz

just about every morning for several weeks starting at 1155 UTC with a very good signal here into Texas. He usually calls CQ unanswered unless I call him back. He also QSLs very well. If you're up at that time of the morning why don't you get on 20m and give Nao some more QRP to QRP QSO's.

73,
Steve Yates - AA5TB

Date: Mon, 01 Jul 2002 08:04:19 -0400
From: W2AGN <w2agn@w2agn.net>
To: Bob Nielsen <nielsen@oz.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128836] Re: QRP rigs
Message-ID: <3D200D03.422.840501E@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 30 Jun 2002 at 15:19, Bob Nielsen wrote:

>
> Dave hasn't offered the Green Mountain series for several years. It's
> too bad there aren't more 10 meter QRP rigs (of course in a few years
> after the sunspots drop a bit more it will become evident why they
> aren't all that popular).
>

Oops, didn't realize that the GM was no longer available. My little GM10 and GM17 are great little rigs.

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
 _ / _ / _ / _ / _ / ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Mon, 1 Jul 2002 14:13:02 +0200
From: Alen Mitrovic <alen.mitrovic@hermes.si>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128837] RE: JA6PA/QRP
Message-ID: <FED7EB450413D511ABC100B0D021173206698F85@ha19000.hermes.si>

MIME-Version: 1.0
Content-Type: text/plain

HI,

I also worked Nao couple of months ago on 14.60 Mhz - 2way QRP. He had 579 signal Slovenia with 2 W into 3 el beam. He sent me nice QSL and pictures direct.

72
de Alen / S53MA

-----Original Message-----

From: Steve Yates - AA5TB [mailto:aa5tb@arrl.net]
Sent: Monday, July 01, 2002 2:02 PM
To: Low Power Amateur Radio Discussion
Subject: JA6PA/QRP

I just wanted to let everyone know that JA6PA/QRP has been on 14.060 MHz just about every morning for several weeks starting at 1155 UTC with a very good signal here into Texas. He usually calls CQ unanswered unless I call him back. He also QSLs very well. If you're up at that time of the morning why don't you get on 20m and give Nao some more QRP to QRP QSO's.

73,
Steve Yates - AA5TB

Date: Mon, 1 Jul 2002 06:12:42 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <aa5tb@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128838] Re: JA6PA/QRP
Message-ID: <002701c22100\$fc7c0ce0\$1cbcb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I also have worked Nao. It was a few months ago on 10 Meters from the YL's condo in Long Beach, CA using the FT-817 on nicads (about 2 watts) and an MP-1. Worked him 2 days in a row! He QSL's right away, with a really nice custom QSL card with he and another op's picture. Thanks for the info Steve, I'll have to give him a listen.

73's - Trev KG6CYN

----- Original Message -----

From: Steve Yates - AA5TB <aa5tb@arrl.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Monday, July 01, 2002 5:02 AM

Subject: JA6PA/QRP

> I just wanted to let everyone know that JA6PA/QRP has been on 14.060
MHz
> just about every morning for several weeks starting at 1155 UTC with a
very
> good signal here into Texas. He usually calls CQ unanswered unless I
call
> him back. He also QSLs very well. If you're up at that time of the
morning
> why don't you get on 20m and give Nao some more QRP to QRP QSO's.
>
> 73,
> Steve Yates - AA5TB
>

Date: Mon, 1 Jul 2002 09:26:32 -0400

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [128839] RE: "all or none" QRP rule

Message-ID: <125490A005E3D3118C9C00805FC743CC040F434C@kahless.arrlhq.org>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

> If you want to change the contest rules, the ARRL has a
> contest advisory
> committee. Start by e-mailing your league Section Manager or
> Division Director
> (addresses in the front of QST, or probably on the website
> --- hint: it is
> usually his/her call followed by @arrl.org !!). Tell him/her
> how you want the
> contest rules to be revised, and ask for the names and e-mail
> addresses of the
> members of the contest advisory committee.

The Section Managers run the Field Organization volunteers in each ARRL
Section. The Directors make ARRL Policy. Your communication about your

views on ARRL policies should go to your Director.

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Alan Kaul [mailto:alan.kaul@worldnet.att.net]
> Sent: Saturday, June 29, 2002 3:19 PM
> To: Low Power Amateur Radio Discussion
> Subject: "all or none" QRP rule
>
>
> Most of the rules for all of the contests were written before
> computer logging.
> Which probably means that KISS (keep it simple, stupid) was the design
> imperative.
>
> But the advent of logging-software, and log-checking
> software, makes anything
> possible with a little rewriting of the program.
>
> For example, instead of logging Field Day as one complex
> listing of all the
> QSO's of the multi-multi stations together, you might be able
> to convince the
> League to change the rules to allow the individual component
> stations to log
> separately -- i.e., calculate the scores for each station
> separately, then add
> them all together before applying the various bonuses for
> public demonstrations,
> etc.
>
> If you want to change the contest rules, the ARRL has a
> contest advisory
> committee. Start by e-mailing your league Section Manager or
> Division Director
> (addresses in the front of QST, or probably on the website
> --- hint: it is
> usually his/her call followed by @arrl.org !!). Tell him/her

> how you want the
> contest rules to be revised, and ask for the names and e-mail
> addresses of the
> members of the contest advisory committee.
>
> As a side note: I protested to my ARRL Div Dir and Asst Dir
> after the June-VHF
> contest that there was no 5W QRP category for home QTH
> operations.... and
> encouraged some friends to do the same. They both got 4-5
> e-mails, and wrote
> back that they were in agreement and would raise the issue.
> As it turns out,
> one of them is also a member of one of the advisory
> committees (I think it was
> Contest Advisory, but I deleted the e-mail -- so I cannot verify WHICH
> committee!).
>
> A BIG PLUS: A change in the rules for this contest would
> allow competition
> within the clubs for most QSO's, most miles per watts, etc.,
> and perhaps make
> Field Day more interesting for everyone!
>
> 72/73 de alan
>
> Alan Kaul, W6RCL, LaCanada, CA
> w6rcl@amsat.org
> <http://home.att.net/~alan.kaul/index.html>
>

Date: Mon, 01 Jul 2002 09:29:38 -0400
From: "Randy Randall" <randallr@healthall.com>
To: <qrp-l@lehigh.edu>
Subject: [128840] RE: TenTec QRP Kit Sale
Message-ID: <sd202114.050@jhs_izar.healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Vectronics is part of MFJ Enterprises, but their kit line more closely follows the stuff Ramsey sells. I think that Vectronics "BORROWED" the basic designs from Ramsey with an improvement here and there.

Randy KB8AS0

>>> "Randall" <Firefox67501@cox.net> 06/30/02 22:38 PM >>>

> Speaking of kits, has anyone had any experience with the Vectronics
line
of
> QRP transceiver kits, 1320, 1330, 1340 or 1380 ?

Look closely... isn't Vectronics = MFJ ??

Bill K5BDZ

That's what I was wondering too, but not for sure. I know they sell a
lot of
MFJ stuff under their own name.
If they are the same, their price is about \$30 cheaper. The Vectronics
kit +
case is about \$65, the MFJ comes with a case and it's \$99. That's why I
was
wondering.....

Date: Mon, 1 Jul 2002 09:33:13 -0400
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [128841] Field day use of TT scout
Message-ID: <6579C6377F475547985F0B3E426E1626140636@0CCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

Hi

I was wondering if anyone has used a Ten Tec Scout turned down to 5 =
watts for a field day qrp station in the past or heard of one being =
used. Just curious. I may just do some tests as to current draw on that =
rig to think about a 1 person battery powered qrp event next year as a =
trial for use during any kind of event near here, like winter storms =
etc. The scout is a fine rig to operate in my opinion.=20

Marty Hartwell kd8bj

Columbus Ohio
PH:614-501-2503

Date: Mon, 01 Jul 2002 09:46:07 -0400
From: Ed Lawson <k1vp@grizzly.com>
To: qrp-l@lehigh.edu
Subject: [128842] Quasi QRP I
Message-ID: <3D205D1F.9040500@grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

This weekend I finished the LogiKit Keyer kit and must say it is a real gem. Easy to build, small, and full of features. Very nice companion for QRP rigs. Now I realize why people prefer external keyers. Until I read the manual, I did not realize just how handy the banking feature of these keyers could be.

Hope to have it all programmed for the Spartan sprint.

Ed Lawson
K1VP

Date: Mon, 1 Jul 2002 07:50:04 -0600
From: "Steve/n0tu" <n0tu@codenet.net>
To: <kd1jv@moose.ncia.net>
Cc: "QRP-L" <QRP-L@lehigh.edu>
Subject: [128843] Re: 40 foot doublet
Message-ID: <007901c22106\$34e5c8f0\$6a211d82@agilent.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve,

When I first heard you yesterday (good sig BTW) I thought "Wow, there's Steve out there in the woods doing battle w/black flies & skeeters." But then I find out your only in a city park! Oh well. ;-)

For field operation I use the BLT w/44' doublet (22' on a side) w/~40' RS twinlead - works VFB on 20/40m haven't tried it on 30m?

For 2w ur sig was very solid copy - 20m had a little QSB yesterday on most sigs.

Leaving a 'show stopper' on the bench is common. Like some one on the list mentioned 'lash together ur set up on the floor w/everything then pack it.' But I never take the time to do this. I do have a little cheat sheet - list, if only I would remember to use it. Good idea about BLT and pig tail.

CUL Steve/n0tu

----- Original Message -----

From: "Steven Weber" <kd1jv@moose.ncia.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, June 30, 2002 3:49 PM

Subject: 40 foot doublet

> Seeing I wasn't able to try the antenna last night, (having forgotten to
> pack the BNC jumper cable) I went over to the park this afternoon and set
> it up. But before I did, I took a look at the SWR plot with EZNEC and
> decided 44 feet was a little long for a 30/20 antenna and 40 feet looked
> beter, as it's resonate just about 1/2 way between both bands.
>
> When I went to cut a couple of feet off the wire, I noticed I had made an
> 88 instead of a 44 the other night. Thought it was kinda long when I set
it
> up yesterday!
>
> Anyway, went to the park and set it up and the BLT had no trouble giving a
> match on 30 and 20. 30 was kinda quiet, but did hear some weak DX. I gave
a
> CQ on 20 and N0TU came right back running a SST at mw levels, so guess it
> works okay on 20 :-) Wonder if it will work on 40?
>
>
>
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>
>

Date: Mon, 1 Jul 2002 08:04:48 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128844] ARS Spartan Sprint Tonight?!?
Message-ID: <003101c22108\$4355b2e0\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Did I miss the email announcement? Has it been canceled?

It is the first Monday of the month. From the ARS Website:

"...Spartan Sprints are two-hour contests sponsored by the Adventure Radio Society, held the first Monday of every month....In the Eastern time zone, start at 9PM and end at 11PM, local time. In the Central time zone, start at 8PM and end at 10PM, local time. In the Mountain time zone, start at 7PM and end at 9PM, local time. In the Pacific time zone, start at 6PM and end at 8PM, local time. (When the U.S. is observing Standard Time, this slot is 0200 to 0400 UTC. When the U.S. is observing Daylight Time, this slot is 0100 to 0300 UTC.)..."

Full details at:

http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html

I'll be there, hope I won't be alone.

73, Rod N0RC

Date: Mon, 1 Jul 2002 07:23:07 -0700 (PDT)
From: Gary Slagel <gds slagel@yahoo.com>
To: QRP L <qrp-l@lehigh.edu>
Subject: [128845] Re: 40 foot doublet
Message-ID: <20020701142307.48342.qmail@web11602.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

> Leaving a 'show stopper' on the bench is common.
> Like some one on the list
> mentioned 'lash together ur set up on the floor
> w/everything then pack it.'

> But I never take the time to do this. I do have a
> little cheat sheet - list,
> if only I would remember to use it. Good idea about
> BLT and pig tail.

I've ended up in the field twice now just like Steve,
no connector between tuner and rig. Both times what I
figured out was I could stick a little solid copper
wire (26 guage i think) directly into the center pin
of the bnc connector on the rig and get it to stay in
there. I threw a 16'6" wire in a tree and stuck it in
there, another 16'6" wire layed on the ground for a
counter poise and attached anywhere I could find on
the rig for a ground and was able to make some Q's on
20 meters. But... I was lucky to have the right size
solid wire both times.

I keep telling myself to always keep one of those bnc
to screw terminal adapters in my emergency bag (if I
had an emergency bag). I always have wire with me.
If I had one of those connectors I could always cobble
up an antenna.

=====

Gary Slagel/N0SXX
Conifer, CO 80433
gdslagel@yahoo.com
Personal Website: <http://members.fortunecity.com/gdslagel>

Do You Yahoo!?
Yahoo! - Official partner of 2002 FIFA World Cup
<http://fifaworldcup.yahoo.com>

Date: Mon, 01 Jul 2002 09:18:25 -0500
From: Barry Johnson <w4wb@oetc.com>
To: qrp-1@lehigh.edu
Subject: [128846] SPEECH COMPRESSOR for the MH-31 from W4RT Electronics
Message-ID: <5.1.0.14.2.20020701091732.00a786e0@mail.oetc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

For all of you that have been asking us when the "One BIG Punch" speech compressor for the Yaesu MH-31 microphone will be available, I am happy to announce that it is shipping. It is available in two ways to significantly improve the talk power of the such radios as the FT-817.

First way is to send your MH-31 to W4RT Electronics and we will install the One BIG Punch for you. Turnaround time in our shop should be no more than one business day as is typical of the FT-817 One Board Filter installations that many of you have already.

The second way is to install the One BIG Punch into your MH-31 yourself. Before you take this path, please read the instruction manual that is available as a download (Adobe pdf file) on the W4RT web site (www.w4rt.com). Installation requires only a modest amount of skill.

You can purchase the One BIG Punch from either W4RT Electronics (www.w4rt.com) or GigaParts (www.gigaparts.com). Installation will be by W4RT Electronics in either case. GigaParts and W4RT Electronics are located a few miles apart.

The One BIG Punch was designed to provide a significant increase in talk power while maintaining good audio quality. For the FT-817, combining the One BIG Punch with the optional SSB filter (One Plug Filter or the One Board Filter) provides even more of a PUNCH! If the One BIG Punch is used with the Heil HC-4 element (replacing the Yaesu microphone element), the talk power is improved even more.

The One BIG Punch can be used with most dynamic microphones having 5 VDC available. Other models will shortly be available for 6-12 VDC microphones and those having electret elements.

72 de Barry - W4WB
W4RT Electronics

Date: Mon, 01 Jul 2002 09:18:45 -0500
From: Barry Johnson <w4wb@oetc.com>
To: qrp-l@lehigh.edu
Subject: [128847] W4RT Electronics Products now in the UK and Germany
Message-ID: <5.1.0.14.2.20020701091837.00a79a70@mail.oetc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Many of you in the UK have been asking for the W4RT Electronics products to be directly available in the UK. Waters & Stanton PLC (www.wsplc.com) now

has, in stock, the following items: One-Touch Tune, One Quick Switch, One Plug Power (1800 mAh), One BIG Punch, and the One Board Filter (dual SSB & CW filters). W&S will install both the One BIG Punch and the One Board Filter for you; however, the One BIG Punch can be purchased for "do it yourself" installation. Product information may be found at www.w4rt.com, including downloadable manuals.

WiMo Antennen und Elektronik GmbH (www.wimo.com) is now offering the One Touch Tune and the One Plug Power products.

72/73 de Barry - W4WB
W4RT Electronics

Date: Mon, 01 Jul 2002 07:35:39 -0700
From: Russ Carpenter <russ@natworld.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [128848] Don't Miss the Spartan Sprint Tonight!
Message-ID: <B945B67E.1046D%russ@natworld.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The July Spartan Sprint will be held on July 1, 2002 (which is our standard date--the first Monday of the month). You may operate on any one or more of five bands--80, 40, 20, 15, and 10 meters. Don't worry if your station is a bit obese. We commend the winners in two categories--points (the Tubby Division), and points per pound (the Skinny Division).

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. In the Eastern time zone, start at 9PM and end at 11PM, local time. In the Central time zone, start at 8PM and end at 10PM, local time. In the Mountain time zone, start at 7PM and end at 9PM, local time. In the Pacific time zone, start at 6PM and end at 8PM, local time. (When the U.S. is observing Standard Time, this slot is 0200 to 0400 UTC. When the U.S. is observing Daylight Time, this slot is 0100 to 0300 UTC.)
2. The frequencies will be 3560+- kHz, 7040 kHz+-, 14060 kHz+-, 21060 kHz+-, and 28060 kHz+- . (You may operate any number of bands--your choice.)
3. Exchange RST, SPC (state, province or country) and power output.
4. If you choose to call CQ, use the format "CQ SP," or "CQ QRP TEST."

5. You can take credit for working the same station on a second, third, or fourth band.

After the contest, we invite you to use our autolog, which is part of the ARS Sojourner. Just go to www.natworld.com/ars and follow the link for "Direct access to autologs". Or you can speed things up by going directly to the Spartan Sprint autolog page at www.natworld.com/ars/ss_log.html.

"Station Weight" is defined as the combined weight of all transmitters, receivers, keys, keyers and batteries used during the Sprint. We use decimal pounds, rather than pounds and ounces. You may report your weight to the nearest 10th of a pound, or, at your option, the nearest 100th of a pound. For stations weighing less than one pound, we recommend the nearest 100th of a pound.

If you don't have access to the web, send Russ Carpenter, AA7QU, an e-mail with your total QSOs and the total weight of your station. You may also include your comments from the soapbox. Russ' email address is russ@natworld.com.

We publish results for each Spartan Sprint on the Thursday following the Sprint. This may be the world's quickest contest reporting! Please send us your log as soon as possible, but in no event later than Wednesday afternoon.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@aol.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

Russ Carpenter, AA7QU, Contest Manager

russ@natworld.com

Date: Mon, 01 Jul 2002 10:44:45 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [128849] Re: 40 foot doublet
Message-ID: <5.1.0.14.1.20020701103807.00a74020@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>I keep telling myself to always keep one of those bnc
>to screw terminal adapters in my emergency bag (if I
>had an emergency bag). I always have wire with me.
>If I had one of those connectors I could always cobble
>up an antenna.

Gary,

At work we use a ton of BNC to 5-way binding post adapters. They'll accept wires, banana plugs, spade lugs, etc. I have, on one occasion, used a pair of them with a BNC "T" adaptor to mate two pairs of banana plugs together. (Just don't ask me how much current was running through those wires.)

Dave

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 1 Jul 2002 10:10:53 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128850] Field Equipment, was Re: 40 foot doublet
Message-ID: <200207011505.KAA20083@steel.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Mon, 01 Jul 2002 07:23:07 -0700 (PDT), Gary Slagel wrote:

>>Leaving a 'show stopper' on the bench is common.

>>Like some one on the list mentioned 'lash together ur set up on=
the

>I've ended up in the field twice now just like Steve, no=
connector

>between tuner and rig. Both times what I figured out was I=
could

I've found that no matter how many checklists I have I still
occasionally end up without the bits I need in the field. I made=
up a

bag for my truck that has not only my antenna wires but a set of=
small

coaxes, etc. I even put an old key in the bag.

The stuff in the bag isn't always exactly what I want but at=
least as

long as I remember to grab the radio and tuner I don't get=
skunked.

Tim N9PUZ

Date: Mon, 1 Jul 2002 11:34:23 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <n9puz@arrl.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [128851] Re: Field Equipment, was Re: 40 foot doublet

Message-ID: <000f01c22114\$e23ff4e0\$0300a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> On Mon, 01 Jul 2002 07:23:07 -0700 (PDT), Gary Slagel wrote:

> >>Leaving a 'show stopper' on the bench is common.

> >>Like some one on the list mentioned 'lash together ur set up on the
>

> >I've ended up in the field twice now just like Steve, no connector

> >between tuner and rig. Both times what I figured out was I could

>

> I've found that no matter how many checklists I have I still

> occasionally end up without the bits I need in the field. I made up a

> bag for my truck that has not only my antenna wires but a set of small
> coaxes, etc. I even put an old key in the bag.
>
> The stuff in the bag isn't always exactly what I want but at least as
> long as I remember to grab the radio and tuner I don't get skunked.
>
> Tim N9PUZ

For a while I was leaving a bunch of 'adapters' in my Jeep, just in case.
Power cords for one. Alligator clips. That kind of thing. BNC/259
type adapters...

But two items I've recently found as 'very neat' to keep handy. One is
a cigar lighter plug with binding post on the back end. That's VERY
neat to have. The other is a BNC male plug with two binding post on
the back end. It works great to connect twinlead or even two bare
wires to my K2 antenna jack...

Mike

Date: Mon, 1 Jul 2002 11:38:40 EDT
From: Hiloarc@aol.com
To: qrp-l@lehigh.edu
Subject: [128852] Re:%20ARS%20Spartan%20Sprint%20Tonight?!?
Message-ID: <c3.250409ef.2a51d180@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Spartan Sprinters/Rod,

I hope to work you tonight. I'll probably start on
10/15m, depending on the activity. Then go to
20 most the most activity. 40 this time of year
is not too good for us. However if 20 gets bad
towards the end, I'll switch to 40.
72, GL and Aloha,
Dean K H 6 B
kh6b@arrl.net

Date: Mon, 1 Jul 2002 11:47:14 -0400
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>

To: <qrp-1@lehigh.edu>
Subject: [128853] NC-20
Message-ID: <6579C6377F475547985F0B3E426E162614063A@0CCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

Hi

I am probably wrong, but didn't the NC-20 come with the Tick-4 stock, I =
remember the 30 meter transceiver NorCal put out had an option to get a =
Tick, and the NC-20 was also an option but was it a Tick-4 you ordered =
by mail in? It has been a long time. Mine had everything included when I =
won it. I just can't remember.=20
I was just wondering if Gary really had to bother getting a Tick4 for =
his new NC-20.

Marty Hartwell
AT&T Columbus Ohio
PH:614-501-2503

Date: Mon, 1 Jul 2002 11:04:13 -0500 (EST)
From: <igeq100@iupui.edu>
To: Randall <Firefox67501@cox.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128854] RE: TenTec QRP Kit Sale
Message-ID: <Pine.GS0.3.96.10207011110139.13926B-100000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Randy -

I build a Vectronix 1340 (40 meter) kit. It works very well for a
simple design. The receiver is direct conversion and is pretty wide, but
it is tunable over a fairly decent range near the QRP frequency. I have
made a number of contacts with it. It is certainly worth the price and
the little bit of time it takes to put it together.

72,
Rich, WB9LPU

Date: Mon, 1 Jul 2002 10:21:07 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <mehartwell@att.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128855] Re: NC-20
Message-ID: <003401c2211b\$4eb280b0\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Marty,

The TiCK-1 was standard in the NorCal version of the NC-20.

Can't speak for the Redhot version, I don't have one.

73, Rod N0RC

----- Original Message -----

From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, July 01, 2002 9:47 AM
Subject: NC-20

Hi

I am probably wrong, but didn't the NC-20 come with the Tick-4 stock, I remember the 30 meter transceiver NorCal put out had an option to get a Tick, and the NC-20 was also an option but was it a Tick-4 you ordered by mail in? It has been a long time. Mine had everything included when I won it. I just can't remember.
I was just wondering if Gary really had to bother getting a Tick4 for his new NC-20.

Marty Hartwell
AT&T Columbus Ohio
PH:614-501-2503

Date: Mon, 01 Jul 2002 10:32:21 -0600
From: "David Fuller" <djfulle@qwest.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128856] TEST ONLY
Message-ID: <3D208415.EDA0C3D8@qwest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Date: Mon, 1 Jul 2002 09:45:23 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128857] Field Equipment
Message-ID: <000f01c2211e\$b26f0170\$9110010a@fresno>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Having also found myself in the field missing a critical connector or piece of gear I finally went to the "integrated portable station" concept and have never had a problem since.

For information (and photos) go to the Adventure Radio Society's archives at:
http://www.natworld.com/ars/pages/back_issues/1998_text/0898_text/one_box.html

=====
Bill Jones - <><
Sanger, California
=====

Date: Mon, 01 Jul 2002 12:14:14 -0500
From: Monty N5FC <n5fc@io.com>
To: qrp-1@lehigh.edu
Subject: [128858] WANTED (and Kudos to TenTec)
Message-ID: <5.1.0.14.0.20020701113923.01d306c0@mail.io.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi All!

Twofold purpose here:

I would like to do some experiments with TenTec 13xx series T-Kit rigs to convert them to 17 meters and 10 meters. I don't want to buy new ones just to butcher them, so I'm soliciting offers for non-working or partially-working 1320 and 1315 kits. I know there are lots sitting unused on that dusty shelf, so fire me an e-mail (privately) and tell me what you want for it. 1320's and 1315's only, please.

Secondly, I'd like to offer a few kudos to TenTec on the 13xx series kits and their support of QRP radio. The 13xx series kit may very well be the best bargain in QRP radio. Where else - for under \$100 - can you get a full QSK CW transceiver with VFO and 4 watts out, and a superhet receiver with speaker and headphones, RIT, AGC, and 4-crystal filter - AND a rugged cabinet (for no extra charge)? Some of you have encountered instabilities in the final amp, and some other minor problems, but these are all easily fixed with simple construction hints and modifications. By the way, you can view some of those mods at my web page:

http://www.io.com/~n5fc/tt13xx_mods.htm

As far as I know, TenTec is the only manufacturer of traditional amateur radio gear that still offers good quality, low cost kits for hams. Frankly, I'm not sure how they do it. Even at a discount, you can't buy the parts for a 13xx series transceiver for the price they sell it. Top that with an additional 12% discount during this month - July - bringing the price for the 13xx down to an amazing \$83. I'm buying the 1320 myself (this will be my fourth 13xx). This can only come from a firm and long-standing commitment to the QRP community. If you value this at all, consider backing it up with an order for one of their kits or factory-built gear, and let them know their commitment to us means something.

By the way, I have no stake in TenTec, and even find fault with them occasionally, and I also buy from other suppliers, but I certainly appreciate what they're doing for us QRPers.

72,
monty N5FC

Monty Northrup, N5FC Austin, TX
e-mail: n5fc@io.com or maddog@io.com
web (ham): <http://www.io.com/~n5fc/>
web (home): <http://www.io.com/~maddog/>

Date: Mon, 1 Jul 2002 10:21:15 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128859] Re: NC-20
Message-ID: <20020701172115.GA3678@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

The Redhat NC-20 also came with a TICK-1 (and information about getting a TICK-3 or 4) as a replacement.)

73,
Bob, N7XY

On Mon, Jul 01, 2002 at 10:21:07AM -0600, Rod N0RC wrote:

> Marty,
>
> The TiCK-1 was standard in the NorCal version of the NC-20.
>
> Can't speak for the Redhot version, I don't have one.
>
> 73, Rod N0RC
>
> ----- Original Message -----
> From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Monday, July 01, 2002 9:47 AM
> Subject: NC-20
>
>
> Hi
>
> I am probably wrong, but didn't the NC-20 come with the Tick-4 stock,
> I remember the 30 meter transceiver NorCal put out had an option to
> get a Tick, and the NC-20 was also an option but was it a Tick-4 you
> ordered by mail in? It has been a long time. Mine had everything
> included when I won it. I just can't remember.
> I was just wondering if Gary really had to bother getting a Tick4 for
> his new NC-20.
>
>
> Marty Hartwell

> AT&T Columbus Ohio
> PH:614-501-2503
>

Date: Mon, 01 Jul 2002 11:07:57 -0600
From: Ron KU7Y <mswmod@bigplanet.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128860] Why learn/use CW?
Message-ID: <004101c22122\$0d3866c0\$c501d2d1@oemcomputer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Hi All,

I've been asked to come up with some ideas to get new hams interested in CW and have decided to take up the challenge.

So, what I need is your input!

- 1) Why do you operate CW?
- 2) Why should a new ham bother to learn and use CW?

I find that many of the things that I really like about CW become a bit of a hard sell when talking to someone new. Fun? Sure, it's fun for me but they counter that they have fun with SSB and etc. I need something more than just Fun.....

Emergency communications? Well, I really think that in most emergency situations most traffic will be handled using SSB or digital modes with CW only serving a very minor role.

About the only real hard point I can make is in the area of Simple. Smaller, lighter, uses less power and etc. All of which might appeal to the back-packers but who else?

So I need some help. Let me hear your good reasons. If you have any good stories about how CW has made a big impact on your life let me know.

Please leave the subject the same, Why learn/use CW and my filters will keep the responses sent to the right place!

TIA

Back in my hole.....

Ron, KU7Y
ku7y@qsl.net
Full Time RVing somewhere in the West.
Currently back in Boise, ID.

Date: Mon, 1 Jul 2002 11:01:12 -0700
From: Mark Danner <MarkD@mfwl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@lehigh.edu>
Subject: [128861] RE: Why learn/use CW?
Message-ID: <572DBC2398CED211809C006008155124D283EB@POSTMASTER>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I can think of two reasons (more time = more reasons).

1. Fun! I think it's a blast to communicate with what isn't much more than touching two wires together.
2. I don't like to use the word "elite", but there is a "special feeling" that I can communicate in a language that most of the world doesn't understand, but, at the same time, transcends other languages and dialects. When I use phone, I sometimes have difficulty understanding the other person (regardles of language) because of regional/international differences in pronunciation. That really isn't a problem with CW (or other digital modes).

I'll keep thinking.

Mark
AB7MP

-----Original Message-----
From: Ron KU7Y [mailto:mswmod@bigplanet.com]
Sent: Monday, July 01, 2002 10:08 AM
To: Low Power Amateur Radio Discussion
Subject: Why learn/use CW?

Hi All,

I've been asked to come up with some ideas to get new hams interested in CW and have decided to take up the challenge.

So, what I need is your input!

- 1) Why do you operate CW?
- 2) Why should a new ham bother to learn and use CW?

I find that many of the things that I really like about CW become a bit of a hard sell when talking to someone new. Fun? Sure, it's fun for me but they counter that they have fun with SSB and etc. I need something more than just
Fun.....

Emergency communications? Well, I really think that in most emergency situations most traffic will be handled using SSB or digital modes with CW only
serving a very minor role.

About the only real hard point I can make is in the area of Simple.
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lighter, uses less power and etc. All of which might appeal to the
back-packers
but who else?

So I need some help. Let me hear your good reasons. If you have any good stories about how CW has made a big impact on your life let me know.

Please leave the subject the same, Why learn/use CW and my filters will keep the
responses sent to the right place!

TIA

Back in my hole.....

Ron, KU7Y
ku7y@qsl.net
Full Time RVing somewhere in the West.
Currently back in Boise, ID.

Date: Mon, 1 Jul 2002 12:00:19 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <mswmod@bigplanet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128862] Re: Why learn/use CW?
Message-ID: <007d01c22129\$2a3a3a30\$6501a8c0@greyrock>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ron,

----- Original Message -----

From: "Ron KU7Y" <mswmod@bigplanet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, July 01, 2002 11:07 AM
Subject: Why learn/use CW?

> Hi All,
>
> I've been asked to come up with some ideas to get new hams
interested in CW and
> have decided to take up the challenge.
>
> So, what I need is your input!
>
> 1) Why do you operate CW?
>
> 2) Why should a new ham bother to learn and use CW?
>
>

Some random thoughts

How about this tack: The challenge of learning a new skill and the satisfaction goes along with it. I'll bet a lot of folks get into ham-radio because deep down, they enjoy learning new things. Why not appeal to that sense and draw it out.

When I'm operating CW I find I have to concentrate with fair intensity. As with other interests of mine (past and present) that require attention/concentration, such as bicycle or motorcycle riding, work and worries are forgotten. High concentration activities are a great way to escape the here and now, at least for a little while.

Here is something I wonder if others have experienced: My mental acuity/memory seems a little better. Simple things like being able to recall a phone number, without having to write it down is what I've noticed.

Hope these help.

73, Rod N0RC

Date: Mon, 1 Jul 2002 14:04:26 -0400
From: William K Penhallegon <w4stx@juno.com>
To: qrp-1@lehigh.edu
Subject: [128863] Re: NC-20
Message-ID: <20020701.140733.-793443.2.w4stx@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Rod,
My Red Hot NC 20 came with the Tick-1 as stock. The instruction book
told of ordering the Tick-4.
73 Bill W4STX

On Mon, 1 Jul 2002 10:21:07 -0600 "Rod N0RC" <rod@n0rc.us> writes:
> Marty,
>
> The TiCK-1 was standard in the NorCal version of the NC-20.
>
> Can't speak for the Redhot version, I don't have one.
>
> 73, Rod N0RC
>
> ----- Original Message -----
> From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Monday, July 01, 2002 9:47 AM
> Subject: NC-20
>
>
> Hi
>
> I am probably wrong, but didn't the NC-20 come with the Tick-4
> stock,
> I remember the 30 meter transceiver NorCal put out had an option to
> get a Tick, and the NC-20 was also an option but was it a Tick-4
> you
> ordered by mail in? It has been a long time. Mine had everything
> included when I won it. I just can't remember.

> I was just wondering if Gary really had to bother getting a Tick4
> for
> his new NC-20.
>
>
> Marty Hartwell
> AT&T Columbus Ohio
> PH:614-501-2503
>
>
>
>
>

Date: Mon, 01 Jul 2002 14:05:40 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [128864] Re: Why learn/use CW?
Message-ID: <5.1.0.14.1.20020701133452.00a6f480@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:07 AM 7/1/2002 -0600, you wrote:

>About the only real hard point I can make is in the area of Simple. Smaller,
>lighter, uses less power and etc. All of which might appeal to the
>back-packers
>but who else?

Ron,

Clandestine operations (both classic "spy" ops and the more mundane "I can't hear the TV when you talk on the radio!") are much easier. Operating a CW station is virtually silent with a decent set of headphones. With pocket-sized equipment, it's almost invisible too.

Portability is important to people whose travel methods are less demanding than backpacking, too. Business travelers may want to "play radio" from the hotel room in the evening. A ham vacationing with the family may not have room for a lot of gear once the XYL is done packing. (At least not if it's -my- wife doing the packing. I've tried paraphrasing the generic vacation advice to no avail: "Take half as many clothes and twice as many rigs.")

And then there's the attraction of, "I know something you don't know!" Imagine how impressed members of the audience will be when you translate the Morse Code being sent in a spy movie - especially if it doesn't match what the receiving operator says it does. (Or maybe not.)

(By the way - has anyone else seen Independence Day? Does the picture of a dozen CW operators all reaching up to straight keys mounted at head height - with contacts gapped at about 1/8th of an inch - seem wrong to anyone else?)

Dave

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 1 Jul 2002 13:07:58 -0500 (EST)
From: Dave Gingrich K9DC <gingrich2@dcg.org>
To: Ron KU7Y <mswmod@bigplanet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128865] Re: Why learn/use CW?
Message-ID: <Pine.LNX.4.44.0207011259380.23845-1000000@tigger.dcg.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 1 Jul 2002, Ron KU7Y wrote:

> I've been asked to come up with some ideas to get new hams interested in CW and
> have decided to take up the challenge.
>
> So, what I need is your input!
>
> 1) Why do you operate CW?
>
> 2) Why should a new ham bother to learn and use CW?

How about crossing a language barrier? There are no morse equivalents for many eastern language character sets (Korean, Chinese, Russian etc). But it is possible to communicate in CW with Hams that have essentially no skills in English.

I took my K2 with me on a trip to Korea earlier this year and made many CW and PSK contacts... but not a single QSO on SSB. Why? Because I didn't speak the language.

Dave K9DC

Date: Mon, 01 Jul 2002 11:31:47 -0700
From: "Bert Herald" <wf7i@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [128866] Questions on SW20 and Elecraft
Message-ID: <F5BtCbIXrGZxQAuY39j000032d6@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I would appreciate feedback from the list on these two rigs. I'm in the process of building the Small Wonder Labs 20meter kit and am wondering what owner's experiences are with this rig. How well does it perform in your opinion? Is it suitable for mountaintopping or backpacking/camping use and what battery solutions have you used? What have you found the typical lifespan of the batteries to be under normal operating (like maybe 70% RX and 30% TX)? Obviously it will be a step down from a Kenwood/Yeasu/Icom, but are there any annoying issues with it or things which you'd like to improve? (and if there are problems, is there a weblink for proposed mods to fix?)

Also, someday I'm hoping to build the K2 from Elecraft. I've heard that this rig is very comparable in terms of RX quality to store-bought rigs, in fact perhaps even superior. Is this really true? And how is it for portability and backpack use?

Thanks for your replies,
Bert WF7I
wf7i@arrl.net

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Mon, 1 Jul 2002 14:27:44 -0500
From: "Randall" <Firefox67501@cox.net>
To: <igeq100@iupui.edu>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128867] RE: TenTec QRP Kit Sale
Message-ID: <MABBKDBHIJCIGDIMOHBAEMGFCAA.Firefox67501@cox.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I build a Vectronix 1340 (40 meter) kit. It works very well for a simple design. The receiver is direct conversion and is pretty wide, but it is tunable over a fairly decent range near the QRP frequency. I have made a number of contacts with it. It is certainly worth the price and the little bit of time it takes to put it together.

72,
Rich, WB9LPU

Thanks,
I got the following email from Ten-Tec today

Yes - \$83 + shipping now through 7/31/02. You can order by phone at (800) 833-7373 or over the Internet. Please note that our web site will, still show the pricing at \$95 - it will be changed prior to shipping your order.

Scott Robbins

Date: Mon, 01 Jul 2002 12:50:38 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [128868] Re: Field Equipment, was Re: 40 foot doublet
Message-ID: <3.0.6.32.20020701125038.007b33e0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>>>Leaving a 'show stopper' on the bench is common.

Another handy thing to have along is one of those "multi-tool" fold up pliers, screwdriver, knife, ect thingies. I picked up a small, cheap one at Wal-Mart for about 3 bucks.

Since I had my multi-tool along, I was able to cut a short piece of the 75 ohm ladder line off, open the rig and tuner, loosen the BNC nuts, slide one lead of the ladder line under the nut and wrap the other around the center post. Unfortunalty, by the time I thought to do this and had it done, it

was too late for 20 M and the 88 didn't seem to want to load well on 30.
Not much to be heard on 30 anyway Saturday night. Although I didn't
actually operate, at least I was able to listen around for a while.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Mon, 01 Jul 2002 21:30:27 +0200
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [128869] Re: Questions on SW20 and Elecraft
Message-ID: <3D20ADD3.27FD2B17@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Bert,

> ... Obviously it will be a step down from a Kenwood/Yeasu/Icom, ...

OH NO, it isn't a step down. Have you ever build your own rig and solved a
problem (and not bought a "KYI"-TRX)? THIS is amateur radio! Try it and
enjoy it (both, building and operating).

> ... (and if there are problems, is there a weblink for proposed mods
> to fix?)

The best link for proposed mods and to solve problems is i.e. THIS mailing
list. ;o)

> ...K2 from Elecraft ... RX quality ...
> ... Is this really true? ...

YES!

> ... And how is it for
> portability and backpack use?

The weight of the K2 is greater than the SW20, but you don't need a
lastauto for the transport and a generator for the power supply.

--

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de <http://www.t-online.de/~dk3red>
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

Date: Mon, 01 Jul 2002 12:52:12 -0700
From: "Bert Herald" <wf7i@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [128870] Re: Why learn/use CW?
Message-ID: <F264DBRQ738SRspJm0000003391@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ron,

I'll give you my standard answers to this question.

1. It is fun!
2. In case of disaster, you can throw together a CW "rig" easier than any other. Just flashing a light, smoke signals, or spark gap will suffice. I think this is the best reason I know for CW, and is why, in my opinion, hams should always have to know at least 5 WPM.
3. CW rigs are tiny and easily portable. This makes operating a lot more fun because of the options (bicycle, backpack, camping, pedestrian mobile all very easy). Heck with today's technology, you could have a wrist-watch CW rig!
4. This is a new one I thought of the other day -- CW will not wear out your vocal cords! Sometimes you get so tired of yelling out "CQ CQ" on phone! CW gives the voice a rest.
5. Although digital modes have somewhat overshadowed this benefit, CW is still darn good with poor propagation conditions. I encounter this all the time on 6m. If voice doesn't work, people go to CW and they get through.

Hope this helps. Have fun.

Bert WF7I

Join the world's largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Mon, 1 Jul 2002 16:07:37 EDT
From: K4IA@aol.com
To: mswmod@bigplanet.com, qrp-1@lehigh.edu
Subject: [128871] Re: Why learn/use CW?
Message-ID: <70.1f0aba82.2a521089@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

1. It works when nothing else will
2. It is "real" radio
3. It is your own secret code
4. Crosses language barriers
5. They can't tell you're just a kid
6. It is not hard to learn. You learned the Pledge of Allegiance right? CW has only 26 letters and 10 numbers -- just a few more words then the Pledge.

Radio K4IA
Craig Buck
Fredericksburg, Virginia 22401 USA

FISTS CW CLUB # 6702 CC 788 Diamond #64
QRPARCHI # 2550
K1 #470 K2 #2460

Date: Mon, 1 Jul 2002 13:17:05 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <mswmod@bigplanet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128872] Re: Why learn/use CW?
Message-ID: <007d01c2213c\$45450220\$53e8b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, Doesn't look like anyone has mentioned one Major benefit of learning/using CW. I guess it's only a benefit if you are or want to be a home brewer, but CW rigs are easy to construct, even from scratch. So,

if a new ham is interested in building gear, then there's a good reason.

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn/>

----- Original Message -----

From: Ron KU7Y <mswmod@bigplanet.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Monday, July 01, 2002 10:07 AM

Subject: Why learn/use CW?

> Hi All,

>

> I've been asked to come up with some ideas to get new hams interested in CW and

> have decided to take up the challenge.

>

> So, what I need is your input!

>

> 1) Why do you operate CW?

>

> 2) Why should a new ham bother to learn and use CW?

>

>

> I find that many of the things that I really like about CW become a bit of a

> hard sell when talking to someone new. Fun? Sure, it's fun for me but they

> counter that they have fun with SSB and etc. I need something more than just

> Fun.....

>

> Emergency communications? Well, I really think that in most emergency

> situations most traffic will be handled using SSB or digital modes with CW only

> serving a very minor role.

>

> About the only real hard point I can make is in the area of Simple. Smaller,

> lighter, uses less power and etc. All of which might appeal to the back-packers

> but who else?

>

> So I need some help. Let me hear your good reasons. If you have any good

> stories about how CW has made a big impact on your life let me know.

>

> Please leave the subject the same, Why learn/use CW and my filters
will keep the
> responses sent to the right place!
>
> TIA
>
> Back in my hole.....
>
> Ron, KU7Y
> ku7y@qsl.net
> Full Time RVing somewhere in the West.
> Currently back in Boise, ID.
>

Date: Mon, 1 Jul 2002 15:19:28 -0500 (EST)
From: Dave Gingrich K9DC <gingrich2@dcg.org>
To: Bert Herald <wf7i@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128873] Re: Why learn/use CW?
Message-ID: <Pine.LNX.4.44.0207011515540.23845-100000@tigger.dcg.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 1 Jul 2002, Bert Herald wrote:

> 2. In case of disaster, you can throw together a CW "rig" easier than any
> other. Just flashing a light, smoke signals, or spark gap will suffice. I

I agree, except I have always had trouble getting the letter spacing
versus word spacing correct with smoke.

K9DC

Date: Mon, 1 Jul 2002 16:55:29 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: <K4IA@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128874] Re: Why learn/use CW?
Message-ID: <000a01c22141\$a23728f0\$39d81b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

2 reasons for me...

1. I enjoy building trancivers. A CW tranciver is simpler to build and easier/faster to get on the air.
2. Life is like a box of Chocolates;
you never know what your going get!
Wait...that's not what I meant...
Why else do I like CW? well lets see...
When you get on the radio and call CQ or you answer a CQ,
you have NO IDEA who is on the other end. You can't hear the
dialect or tone of voice or accent. You don't know if it's the
King of Jordan, Barry Goldwater, a ship at sea, a school kid
making his first QSO, a 95 year old vet struggling with arthritis,
your neighbor, or someone needing medical attention in the backwoods
of Montana.
IT IS THE "SURPRISE" AT THE OTHER END THAT MAKES IF FUN FOR ME!

Another reason...

If you lack the gift of gab, CW is ideal! No requirement here to
talk for 5 minutes in a ragchew. If all you want to to is exchange
the basics, that is all you need to do; ...RST.NAME.QTH.CUL.73...
Now myself, after a few 807's and my gift of gab comes through in
style! well maybe not :)

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

Date: Mon, 01 Jul 2002 16:55:39 -0400
From: W2AGN <w2agn@w2agn.net>
To: K4IA@aol.com, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128875] Re: Why learn/use CW?
Message-ID: <3D20898B.7508.76DD88@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 1 Jul 2002 at 16:07, K4IA@aol.com wrote:

> 1. It works when nothing else will
>
> 2. It is "real" radio
>
> 3. It is your own secret code
>
> 4. Crosses language barriers
>
> 5. They can't tell you're just a kid
>
> 6. It is not hard to learn. You learned the Pledge of Allegiance right? CW
> has only 26 letters and 10 numbers -- just a few more words than the Pledge.
>

Just listening to 75 or 20M SSB would seem to give the best answer to this question. CW operators have put forth some effort to communicate in their favorite mode. The haven't just memorized answers to a multiple choice test, and taken their "10-4's" and "The Personal here is Dick" from 11M to the Ham bands.

--

/_ \ /_ \ /_ \ /_ \ /_ \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_ / _ / _ / _ / _ / ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Mon, 01 Jul 2002 14:02:02 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: w8diz@fpqrp.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128876] Re: Why learn/use CW?
Message-ID: <3D20C34A.1030803@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=windows-1252; format=flowed
Content-Transfer-Encoding: 7bit

w8diz wrote:

>
> Now myself, after a few 807's and my gift of gab comes through in
> style! well maybe not :)
>
>

Know what you mean :-) Alas, my ability to send coherently seems to suffer, too .. defiinitely a tradeoff!

73, Phil

Date: Mon, 1 Jul 2002 15:56:29 -0500
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128877] Re: Why learn/use CW?
Message-ID: <200207012104.QAA03255@gallium.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Mon, 01 Jul 2002 13:17:05 -0700, Trevor Jacobs wrote:
>Well, Doesn't look like anyone has mentioned one Major benefit=
of
>learning/using CW. I guess it's only a benefit if you are or=
want to
>be a home brewer, but CW rigs are easy to construct, even from
>scratch.
>So, if a new ham is interested in building gear, then there's a=
good
>reason.

Along with this is that many people don't have huge amounts of=
money to
spend to enter a new hobby. Some people who may be initially=
interested
get scared away when they start talking to people and see the=
"entry
level" price tag start heading towards \$1,000.00. Traditional 100=
Watt,
multi-band rigs with the power supplies, tuners, etc. to go with=
them
run the price up pretty quick. There are bargains in used=
equipment but
I don't think a lot of new hams know where to look and how to buy=
safely their first time out.

A prospective Ham willing to learn CW with a single band QRP rig=
and
tuner can "buy in" for around \$100-\$150 and have brand new=

equipment
that they understand to an extent. Yes, they'll probably need an=
Elmer
for some alignment and antenna help but that's where we all come=
in.

- Operate in the Novice/Tech area of 40 and I think they'll find=
plenty
of contacts.

- Show them it's easy to take a small station along for an=
afternoon in
the park, a weekend trip to the in-laws, family vacations, etc.

- Most important: have a lot of fun.

Tim N9PUZ

Date: Mon, 1 Jul 2002 16:11:52 -0500 (EST)
From: tomb@kiva.net (Thomas H. Busch)
To: qrp-l@lehigh.edu
Subject: [128878] Re: Why learn/use CW?
Message-ID: <20020701211152.09FEE34F11@mayhem.kiva.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I believe all hams should learn to use CW because they should learn how a
transmitter puts
a signal into the air.

The simplest way to demonstrate this is with a continuous-wave
transmitter. Everything follows
from this. Once you can put a continuous signal into the air, you can
start getting into the
way that intelligence gets into the signal. Morse code is arguably one of
the simplest.

Archaic? Sure, but it is the basis for so much other stuff. Hams have
been given the
privilege of building and repairing their own equipment. This makes it
essential that all hams
know how radio works. I don't see how you can teach radio without it.

Besides, kids love codes. They love to get away with sending messages to

each other that
not many other people can understand. One of our members, who works with
kids, swears
by this for motivation.

Basically my argument is not that morse code should be a barrier or an
important historical
lesson. It should be taught to show how the fundamentals of radio and
communication work.

73,

Tom, WB8WOR

> Hi All,
>
> I've been asked to come up with some ideas to get new hams interested in
CW and
> have decided to take up the challenge.
>
> So, what I need is your input!
>
> 1) Why do you operate CW?
>
> 2) Why should a new ham bother to learn and use CW?
>
>
> I find that many of the things that I really like about CW become a bit
of a
> hard sell when talking to someone new. Fun? Sure, it's fun for me but
they
> counter that they have fun with SSB and etc. I need something more than
just
> Fun.....
>
> Emergency communications? Well, I really think that in most emergency
> situations most traffic will be handled using SSB or digital modes with
CW only
> serving a very minor role.
>
> About the only real hard point I can make is in the area of Simple.
Smaller,
> lighter, uses less power and etc. All of which might appeal to the
back-packers
> but who else?
>
> So I need some help. Let me hear your good reasons. If you have any
good

> stories about how CW has made a big impact on your life let me know.
>
> Please leave the subject the same, Why learn/use CW and my filters will
keep the
> responses sent to the right place!
>
> TIA
>
> Back in my hole.....
>
> Ron, KU7Y
> ku7y@qsl.net
> Full Time RVing somewhere in the West.
> Currently back in Boise, ID.

Date: Mon, 01 Jul 2002 17:18:03 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [128879] Re: Why learn/use CW?
Message-ID: <5.1.0.14.1.20020701171104.00a5ae80@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

> When you get on the radio and call CQ or you answer a CQ,
> you have NO IDEA who is on the other end. You can't hear the
> dialect or tone of voice or accent. You don't know if it's the
> King of Jordan, Barry Goldwater, a ship at sea, a school kid
> making his first QSO, a 95 year old vet struggling with arthritis,
> your neighbor, or someone needing medical attention in the backwoods
> of Montana.
> IT IS THE "SURPRISE" AT THE OTHER END THAT MAKES IF FUN FOR ME!

Diz,

If Barry Goldwater or King Hussein of Jordan (JY1, not the reigning king)
answered my CQ, I don't think "surprise" would describe my feeling at that
point. Panic might be more accurate. (Grin)

(BTW - does anyone know if the current King of Jordan is a ham?)

> Another reason...
> If you lack the gift of gab, CW is ideal! No requirement here to
> talk for 5 minutes in a ragchew. If all you want to to is exchange
> the basics, that is all you need to do; ...RST.NAME.QTH.CUL.73...

At my speed, that -is- a 5 minute gab. But I'm working on it.

Dave

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 1 Jul 2002 15:20:35 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <w8diz@fpqrp.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128880] Re: Why learn/use CW?
Message-ID: <001d01c22145\$2488cb80\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Diz, et.al.

----- Original Message -----
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, July 01, 2002 2:55 PM
Subject: Re: Why learn/use CW?

...
> When you get on the radio and call CQ or you answer a CQ,
> you have NO IDEA who is on the other end. You can't hear the
> dialect or tone of voice or accent. You don't know if it's the
> King of Jordan, Barry Goldwater,

Right here is all the reason you need. The ability to communicate with the dead! ;-)

73, Rod N0RC

Date: Mon, 1 Jul 2002 17:31:07 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128881] Re: Why learn/use CW?
Message-ID: <002601c22146\$9cf897c0\$39d81b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

fishing for comments is S0000000 easy.....hahahahah

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

----- Original Message -----

From: "David Hinerman" <WD8CIV@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, July 01, 2002 5:18 PM
Subject: Re: Why learn/use CW?

> When you get on the radio and call CQ or you answer a CQ,
> you have NO IDEA who is on the other end. You can't hear the
> dialect or tone of voice or accent. You don't know if it's the
> King of Jordan, Barry Goldwater, a ship at sea, a school kid
> making his first QSO, a 95 year old vet struggling with arthritis,
> your neighbor, or someone needing medical attention in the backwoods
> of Montana.
> IT IS THE "SURPRISE" AT THE OTHER END THAT MAKES IF FUN FOR ME!

Diz,

If Barry Goldwater or King Hussein of Jordan (JY1, not the reigning king)
answered my CQ, I don't think "surprise" would describe my feeling at that
point. Panic might be more accurate. (Grin)

Date: Mon, 1 Jul 2002 16:00:20 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [128882] Artificial Ground
Message-ID: <Pine.LNX.4.44.0207011551020.3904-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

As you all know the MFJ Artificial Ground is a box with a variable capacitor of some max capacitance and a tapped coil of some unknown inductance. The capacitor and inductor are in series and they have the antenna tuner ground connected at one end and a wire connected to the other end. It works when you bring the whole mess into being a 1/4 wavelength electrically.

I want to know the approximent values for L and C. There is a paper in an older QST that talked about this. If you have QST on CD-rom you can just quarry for Artificial Ground and it should hit on a date or dates.

I want to make a QRP version with a much more sensitive current meter.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Mon, 01 Jul 2002 18:02:41 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [128883] Fwd: ARLB039 General Communications Emergency Rescinded
Message-ID: <5.1.1.6.2.20020701180207.00ad2950@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>SB QST @ ARL \$ARLB039
>ARLB039 General Communications Emergency Rescinded
>
>ZCZC AG39
>QST de W1AW
>ARRL Bulletin 39 ARLB039
> From ARRL Headquarters

>Newington CT July 1, 2002
>To all radio amateurs
>
>SB QST ARL ARLB039
>ARLB039 General Communications Emergency Rescinded
>
>General Communications Emergency Rescinded - Jul 1, 2002
>
>At the request of Arizona Section Manager Clifford Hauser, KD6XH,
>effective today at 3 PM Eastern Daylight Time (1900 UTC), the
>Federal Communications Commission's declared communications
>emergency will terminate. The declared communications emergency was
>in support of relief efforts in Arizona. Amateurs can resume using
>the frequencies 7265 kHz and 3990 kHz plus or minus 3 kHz. The
>Federal Communications Commission wishes to thank everyone for their
>cooperation and dedicated service.
>
>Arlan K. Van Doorn, Senior Advisor for Public Safety, Enforcement
>Bureau, Federal Communications Commission, Washington, DC.
>
>W1AW will resume its 3990 kHz phone bulletin, transmitted daily at
>0145Z, Monday evening.
>NNNN
>/EX

Date: Mon, 1 Jul 2002 16:07:34 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Bert Herald <wf7i@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128884] Re: Questions on SW20 and Elecraft
Message-ID: <Pine.LNX.4.44.0207011602280.3904-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bert, if your not set on building a k2 I think in the made radios the Yaseu FT-817 will be cheaper than the K2 and has many features the k2 lacks. The k2 is not a general coverage receiver, it only covers the ham bands and by doing so gets very good receiver performance. But the 817 has a very good receiver and has coverage from standard broadcast to 450 MHz! It transmits on most of that too.

On Mon, 1 Jul 2002, Bert Herald wrote:

> I would appreciate feedback from the list on these two rigs. I'm in the
> process of building the Small Wonder Labs 20meter kit and am wondering what
>
> Also, someday I'm hoping to build the K2 from Elecraft. I've heard that

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Mon, 01 Jul 2002 18:09:12 -0400
From: juan ferrari <puntrad@usa.net>
To: " " <qrp-l@lehigh.edu>
Subject: [128885] Artificial Ground
Message-ID: <20020701220912.19692.qmail@cmsweb26.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Karl,
I found this that have a lot of information (C and L)
<http://www.arrl.org/members-only/prodrev/pdf/pr8804.pdf>
72
Juan - KG4FSN

Date: Mon, 1 Jul 2002 18:06:10 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <K4IA@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128886] Re: Why learn/use CW?
Message-ID: <006501c2214b\$bb7891a0\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: <K4IA@aol.com>

> 1. It works when nothing else will

>
> 2. It is "real" radio
>
> 3. It is your own secret code
>
> 4. Crosses language barriers
>
> 5. They can't tell you're just a kid
>
> 6. It is not hard to learn. You learned the Pledge of Allegiance
right? CW
> has only 26 letters and 10 numbers -- just a few more words than the
Pledge.
>
> Radio K4IA

Well, you can have your own reasons, but I hope everybody keeps their
enthusiasm in check here. The quickest way to turn off newbies is to
feed them a line of BS. Oh, they'll follow for a while, but when they
realize it's just stink...

CW is fun, but it's not the end all. Why do people drive antique cars?
Why do people parachute when they could stay in that perfectly good
airplane? Why do people hike when they could walk? Why do people
fly gliders? Why ski when there are snowmobiles?

The bottom line is there are LOTS of complex and very satisfying and
even logical reasons that people do things that just maybe technology
or society has 'passed by' on.

So get newbies hooked on the fun. Get them hooked on the 'tradition'.
Get them hooked on the challenge.

Yeah, I like your reasons, all but two of them. But just remember the
reality of the situation. Or you might end up turning off more people
than you turn on.

Mike

Date: Mon, 1 Jul 2002 17:48:02 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: <qrp-1@lehigh.edu>
Subject: [128887] End fed wires may not work in some locales

Message-ID: <012901c22151\$5b339550\$4e100a0a@rohredt2000>

Karl,
the two worst antennas I have had in 45 years of hamming as both USA and DX QTHs were end fed wires!

The first, my first Marconi, was about like, in length, your proposed 44 foot wire. However it was put up in El Paso, (desert country), with no good RF ground conditions, even though I tried, with a wet ground rod system! Sand is just no good for RF ground! I also erred in bringing the end into the rig, which put my high current end close to earth.

Then, I had a 400 foot long wire in 9M2 land from the proverbial 60 foot coconut palm tree to another, then down to the roof edge and around the chalet to my shack in the back bedroom. It was pointed to open area in the Indian ocean, and skipped right over Indonesia. Did not work on in country, 40m Sunday 9M2 net, worth beans! Again, in tropics, you have no RF ground. All the conductive salts have long ago leached out of the earth with the daily or twice daily monsoon rains!

That being said, SOME get single wires to work. However, if you do not know the RF ground character of where you plan to use it, I would plan on either a tuned counterpoise, or full elevated quarter wave radials to augment the single wire. A single wire is not a complete antenna. It is unbalanced, and is missing that reference provided by the counterpoise.

Far better have been the balanced antennas I have used at Field Days for six years, big 5/8 wave leg Double Zepps, put up as inverted Vee. Also, giant horizontal loops, but only up 20 feet for ease. This year, we had three, with 849 foot for 20m, over 600 feet around on 40m, and for 10m and 80m we used over 300 foot around, (nearly 400). All worked all over the country when the bands were open. Sat. afternoon was not good for the bands, but by dark, the reliable bands of 20 and 40 worked excellently. We have noted we worked sections on the East and West coasts not only on the bands 40 and up, but also on the short time in the early evening when some were on 80m! Low loops do work.

The shorter end fed wires also seem to suffer, in my opinion, in bringing the end down to the transmitter. I like your idea of using a wire line feed, in the manner of the old Zepp doublet. However, there are some lengths of wire flattop and feeder that become hard to tune. Old handbooks give these combinations and rules of thumb to avoid them.

We have been pleased with 450 ohm or 300 ohm window line feeding our loops from the commercial balun equipped transmatches, however, before I got to FD with my transmatch, I had a friend use a 4:1 balun only, on the end of the ladder line, and worked Indonesia with our 849 foot around loop. He used no other tuning at all, just the 50 ohm output of his rig. 20m of course.

Capture area is important, if you can get up more wire. On our over 300 foot around loop used on 10m, it was some 20 feet lower in elevation than the station tent. There, we had a trap dipole, Mosley all metal rotatable. On the dipole, on a quarter wave mast, we could hear no stations on 10m, but on the loop down below, we heard a dozen!

Hope you can put up more wire, and you will get a more omni pattern if you load a doublet configuration on all bands. We find that the model lobes you see in EZNEC fill in on practical use on the higher bands.

72, Stuart K5KVH

End of QRP-L Digest 2603
